

Title (en)

RF POWER DEVICE CAPABLE OF MONITORING TEMPERATURE AND RF CHARACTERISTICS AT WAFER LEVEL

Title (de)

RF-LEISTUNGSVORRICHTUNG ZUR ÜBERWACHUNG DER TEMPERATUR UND RF-EIGENSCHAFTEN AUF WAFEREbene

Title (fr)

DISPOSITIF DE PUISSANCE RF CAPABLE DE SURVEILLER DES CARACTÉRISTIQUES DE TEMPÉRATURE ET RF AU NIVEAU D'UNE TRANCHE

Publication

EP 3657186 B1 20240327 (EN)

Application

EP 17910488 A 20170718

Priority

KR 2017007682 W 20170718

Abstract (en)

[origin: US2019096873A1] The present disclosure provides an RF power device including: a single RF power transistor; a pad spaced apart from the single RF power transistor and configured to transmit a temperature and RF characteristic information of the single RF power transistor to an outside; and a temperature and RF characteristic detector connected between the pad and the ground and configured to detect the temperature and the RF characteristics of the single RF power transistor, and is characterized in that the ground is connected to the single RF power transistor, and the single RF power transistor, the pad, and the temperature and RF characteristic detector are manufactured on the same wafer.

IPC 8 full level

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CPC (source: EP US)

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